# Governor's Office of Education Innovation Staff Update
## December, 2013

### Rebecca Gau, Director

# Items to Discuss

- Delivery plan update
- Grad Rate Task Force update
- Education broadband infrastructure
- Public opinion poll update
- Teacher Survey
- Communications update

Next meeting
- Council member feedback review

# Arizona Ready Pillar Tracking

Official Tracking through

December 9, 2013

Arizona
Ready

Our Children. Our Schools. Our Future.

# Pillar 1: All schools implement college and career ready standards with fidelity

| Strategies | Dec 2012 | Mar 2012 | Jun 2012 | Aug 2013 | Dec 2013 | Likelihood to Succeed |
|---|---|---|---|---|---|---|
| 1. Break down silos (e.g. between teachers and parents) | 🟨 | 🟨 | 🟩 | 🟩 | 🟨 | At Risk |
| 2. Strengthen real world relevance | 🟨 | 🟨 | 🟩 | 🟩 | 🟨 | At Risk |
| 3. Ensure all schools' readiness to implement new assessment | 🟨 | 🟥 | 🟨 | 🟨 | 🟥 | DANGER |
| 4. Build public awareness and support for college and career standards | 🟩 | 🟩 | 🟢 | 🟢 | 🟨 | At Risk |
| 5. Facilitate collaboration between K12 and Post-Secondary to ensure alignment | 🟨 | 🟩 | 🟩 | 🟩 | 🟩 | Likely |

Action Steps to remediate Red area:
1. Communicate lessons learned from Broadband research
2. Appropriately support ADOA Broadband funding/E-rate coordination
3. Assessment "dress rehearsal"

Arizona Ready

Our Children. Our Schools. Our Future.

# Pillar 2: Create a Data Culture around Student Learning

| Strategies | Dec 2012 | Mar 2012 | Jun 2012 | Aug 2013 | Dec 2013 | Likelihood to Succeed |
|---|---|---|---|---|---|---|
| Provide Technical Assistance | 🟩 | 🟩 | 🟩 | 🟢 | 🟢 | Very Likely |
| Facilitate Data Conversations | 🟥 | 🟥 | 🟧 | 🟩 | 🟩 | Likely |
| Statewide Longitudinal Data System* | 🟧 | 🟧 | 🟧 | 🟧 | 🟩 | Likely |

*Note: As of Jan 2014, this strategy will be moved to a project under Pillar 4

Arizona Ready

Our Children. Our Schools. Our Future.

# Pillar 3: Provide avenues for underperforming schools and underserved students to improve

| Strategies | Dec 2012 | Mar 2012 | Jun 2012 | Aug 2013 | Dec 2013 | Likelihood to Succeed |
|---|---|---|---|---|---|---|
| Develop and communicate strategies based on best practice research | 🟩 | 🟨 | 🟥 | 🟩 | 🟩 | Very Likely |

Arizona Ready

Our Children. Our Schools. Our Future.

# Pillar 4: Improve effectiveness of teachers and leaders

| Strategies | Dec 2012 | Mar 2012 | Jun 2012 | Aug 2013 | Dec 2013 | Likelihood to Succeed |
|---|---|---|---|---|---|---|
| Support and communicate best practices for effective teachers and leaders | 🟧 | 🟩 | 🟩 | 🟧 | 🟧 | At Risk |

Arizona Ready
Our Children. Our Schools. Our Future.

# Communications Goal: GOEI will increase awareness of Arizona Ready and engagement with its pillars

| Strategies | Dec 2013 | March 2014 | June 2014 | Aug 2014 | Dec 2014 | Likelihood to Succeed |
|---|---|---|---|---|---|---|
| 1. Facebook | 🟩 | | | | | Likely |
| 2. Twitter | 🟨 | | | | | At Risk |
| 3. Pinterest | 🟥 | | | | | DANGER |
| 4. Google+ | 🟥 | | | | | DANGER |
| 5. Newsletters | 🟩 | | | | | Likely |

Action Steps to remediate Red areas:
1. Hiring temp to cover maternity leaves
2. Shooting videos, getting original content from schools
3. Changing communications firm

Arizona Ready

Our Children. Our Schools. Our Future.

8

# Arizona Ready
## Graduation Rate Task Force Update

# Six Recommendation Areas

1. Early Childhood
2. "Out of School Time" youth development programs
3. Early warning data system
4. CTE / relevance
5. Education and Career Action Plan (ECAP)
6. Career pathways/business involvement
7. Remediation/Dropout prevention/credit recovery (new)

# Next Steps

- Hired LeCroy & Milligan Associates to complete final report
  - Prioritize and make sense of "laundry list" of recommendations
  - Timeline
    - Short term
    - Longer term

# Better Internet for Arizona Education: Analysis & Findings

*Prepared for*
*Governor's Office for Education Innovation*
*Arizona Ready Council*
*January 23, 2014*

"Needs List" - % Incidence Among Reporting Districts

- Totals sum in excess of 100% to account for multiple responses
- Maricopa & Mohave Counties did not report
- Does not support premise of LAN deficiencies as predominant barrier to effective use of available bandwidth

Chart values (State bars labeled):
- Bandwidth: 37%
- WiFi: 20%
- PC's/Devices: 64%
- Network Equipment/Servers: 23%
- Funding: 6%
- Software: 13%
- Security: 6%
- E-Rate/Tech Staff: 12%
- Online Curriculum: 4%
- PD?: 4%

Legend: ■ State ■ Rural ■ Urban

% Campuses By Data Rate

- 17 schools with T-1 or less (3 schools with dial-up modem); Only 11% of campuses meet 100 Mbps ConnectEd standard

41% ≤ 10Mbps

Chart values by data rate:
- ≤T-1: 6%
- 1.5-5: 19%
- 6-10: 16%
- 10-25: 22%
- 25-50: 14%
- 50-100: 11%
- 100-200: 6%
- 200-500: 3%
- 500-1000: 2%

ADOA-ASET

Better Internet For Arizona Education

1/28/2014

14

# % Districts PARCC Ready



Chart showing two cylinders:
- **% Districts PARCC Ready (Caching):** 58% (blue)
- **% Districts PARCC Ready (w/o Caching):** 46% (red)

- PARCC Minimal Bandwidth Readiness Assumptions per Student
  - Caching - 5Kbps/Student
  - W/O Caching – 50Kbps/Student
- PARCC assumes ~8:1 Computer/Student Ratio
- Caching assumes one computer on LAN acts as server collecting simultaneous test data (real time experience); transmits to state POP offline within 20 days
- GOEI Study Reported Download Mbps/District; 303 Districts reporting

Internet Access Cost Comparison
$ Mbps/Mo - After E-Rate

| Category | Value |
|---|---|
| UEN | $1.09 |
| Network Nebraska | $0.77 |
| National Median | $6 |
| Arizona State | $15 |
| Arizona Urban Counties | $5 |
| Arizona Rural Counties | $24 |
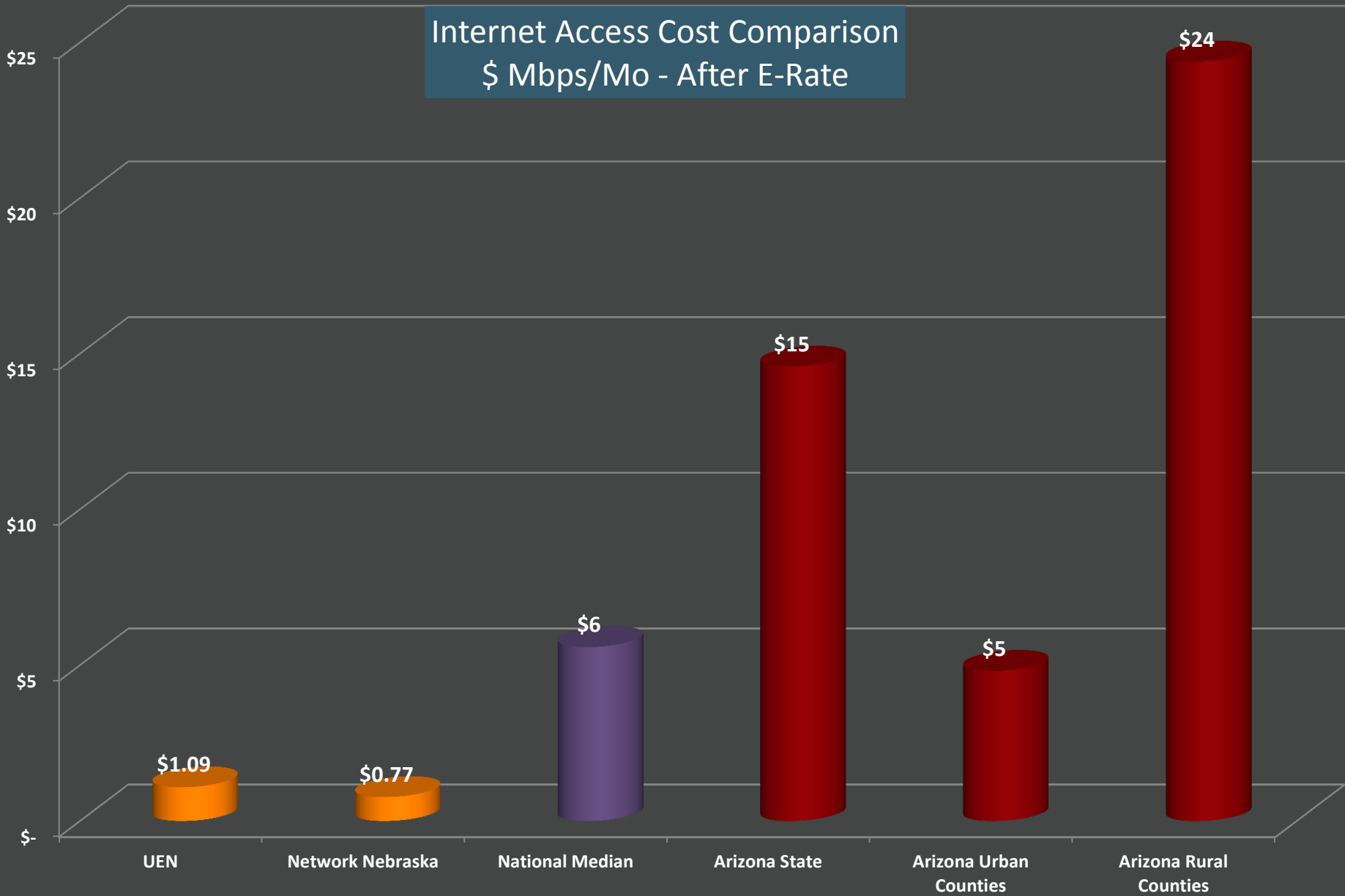
# UEN – Arizona Comparison

Utah spends ~ $19.6 million for statewide transport bandwidth & Internet access for ~ 800,000 K-20 students or $24.38 per student/year

Arizona spends ~$22.1 million for Internet Access for ~ 1.1 million K-20 students or $19.42 per student/year

**1 Gbps**
**UEN Predominant Data Rate**
**Per K-12 Campus**

**12 Mbps**
**Arizona K-12 Median Data Rate**
**Per K-12 Campus**

*To Scale*

UEN Infrastructure Map
Connecting 1389 locations throughout Utah

ADOA-ASET
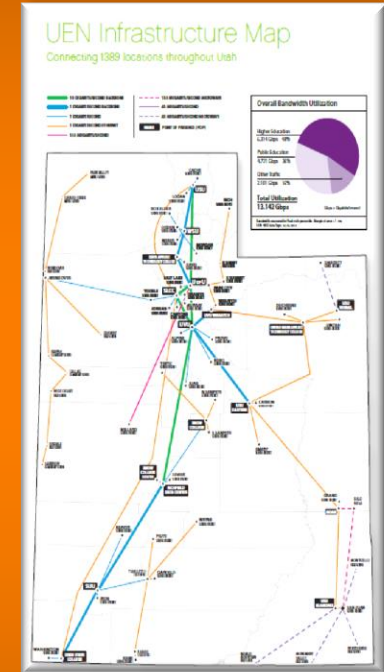
# Public Opinion Poll
# November Survey

Arizona Ready

Our Children. Our Schools. Our Future.

# Summary

- **Overall, awareness of *Arizona's College and Career Ready Standards / Common Core State Standards* increased slightly over the last measurement period (August 2013).** The biggest gains were seen among parents, Democrats, and those with incomes <$75K.

- While favorability among all respondents has been consistent over the past three time periods, **favorability among Republicans has decreased.** In addition, *unfavorable* ratings by those over 50 years of age and those with incomes over $75K have increased.

- Three-quarters (74%) of all respondents maintained they favor (either *strongly* or *somewhat*) the standards after being read a description. However, the **proportion of parents who say they *strongly favor* the initiative decreased from 48% to 34% between August and November 2013. Similarly, *strongly favor* ratings among those under 50, Republicans, and those with incomes over $75K decreased. Interestingly, *strongly favor* ratings among educators also decreased significantly.**

WG

# Summary

- **Approximately half of all respondents said they would be very or somewhat likely to engage in activities to support Arizona's College and Career Ready Standards.** As might be expected, parents and educators are the sub-groups most likely to become involved in these activities.

- **Overall, 15% of Arizona residents have you heard, read, or seen information about Arizona Ready** in the past six months. One fifth of parents reported awareness of Arizona Ready, representing a significant increase since April, 2013.

WG

*Has what you have seen, read or heard recently about Arizona's Common Core State Standards given you a favorable or unfavorable impression of the standards? Would that be very or somewhat (un)favorable?*

| | Oct '12 n=196 (A) | Apr '13 n=98 (B) | Aug '13 n=181 (C) | Nov '13 n=252 (D) |
|---|---|---|---|---|
| Very favorable | 16% | 10% | 16% | 13% |
| Somewhat favorable | 45% | 34% | 32% | 33%[A] |
| Somewhat unfavorable | 16% | 23% | 24% | 22% |
| Very unfavorable | 8% | 11% | 11% | 17%[A] |
| Don't know | 15% | 22% | 17% | 15% |
| Total | 100% | 100% | 100% | 100% |

[ABCD] *Statistically significantly different from others in category*

*Note: question wording referred to "Common Core" state standards in historical time periods.*

WG

*These new standards have been set to internationally competitive levels of English and math. This means that students may be more challenged by the material they study and the tests students take will measure more advanced concepts and require students to show their work. Knowing this, do you strongly favor, somewhat favor, somewhat oppose, or strongly oppose implementing these new College and Career Standards in Arizona?*

|  | Aug '13 n=431 | Nov '13 n=478 |
|---|---|---|
| Strongly favor | 43% | 39% |
| Somewhat favor | 29% | 35% |
| Somewhat oppose | 10% | 8% |
| Strongly oppose | 8% | 7% |
| Don't know | 10% | 10% |
| Total | 100% | 100% |

WG

*There are many opportunities to support Arizona's College and Career Ready Standards (previously known as Common Core State Standards). Examples include: talking about them with a friend or neighbor, asking your local school or teacher what they are doing to implement the standards, sharing information online or voting for political candidates who support the standards. Knowing what you know, how likely are you to engage in one or more of these activities?*

| | Nov '13 n=478 |
|---|---|
| Very likely | 20% |
| Somewhat likely | 30% |
| Somewhat unlikely | 18% |
| Very unlikely | 28% |
| Don't know | 3% |
| Total | 100% |

WG

# Teacher Survey Update

## As of November 2013: Cumulative N = 1,991

▸ 1 out of 4 teachers report having received NO training on the implementation of AZCCRS. As previously discussed, those who have received training are much more likely to be both confident in and support AZCCRS.

▸ 1 out of 2 teachers report having received NO professional training to upgrade their skills in adapting lesson plans to AZCCRS.

- Of those trained, 3 out of 4 teachers say that their training prepared them to adjust curriculum and lesson plans moderately well or very well.

# Respondents' Confidence in Their Ability to Implement Arizona's Standards
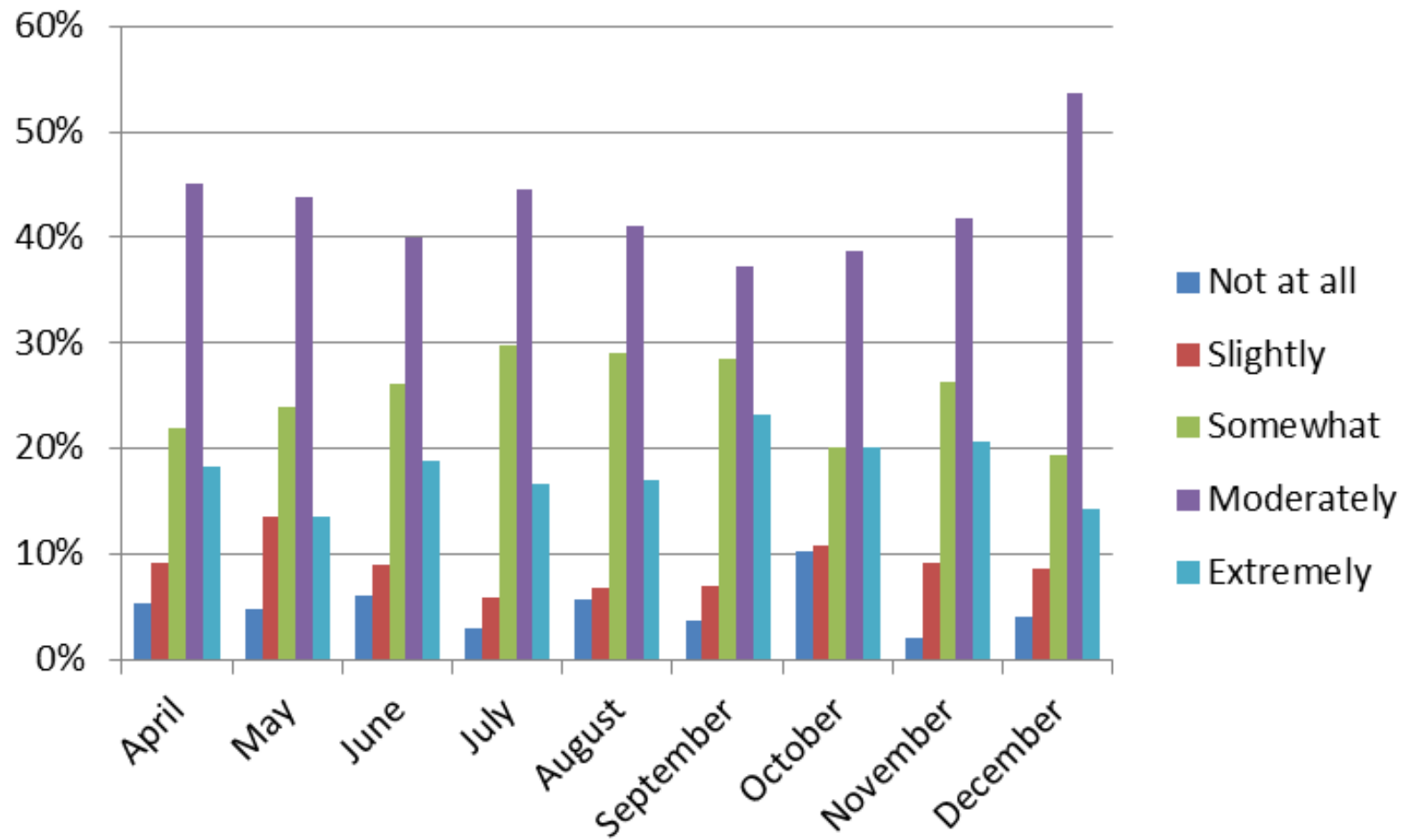
In October, 225 teachers reported having received implementation training. Of those, 141 teachers provided further details. When asked to explain why they gave their implementation training the rating they did, 66 commented on how they felt about their training overall while 20 provided their opinion on their presenter.

## Overall, my training experience was:
(n = 66)

9%

23%

68%

- Good
- Ok
- Poor

## My presenter was:

n = 17

n = 3

Good    Poor
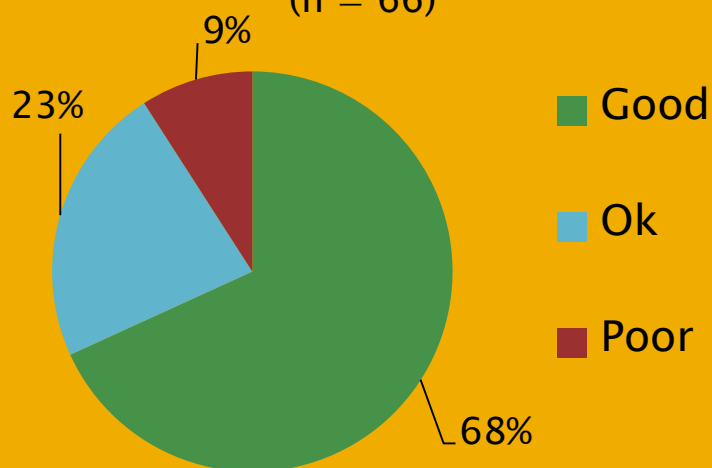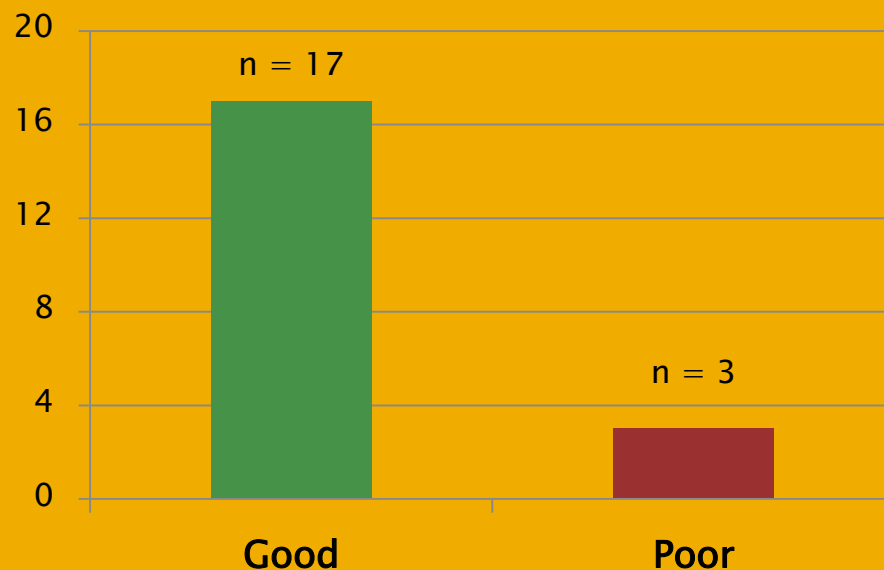
Out of the 20 teachers who commented on the quality of their presenters, 17 were very pleased with both their presenter and the information on AZCCRS they were given. The remaining 3 that were displeased noted that they still found the information they received valuable.

In October, 225 teachers reported having received implementation training. Of those, 145 teachers provided further details. There were 183 references to specific materials and activities.

Teachers who were able to modify their lessons plans during the training session and have something "real" to walk away with were the most pleased.
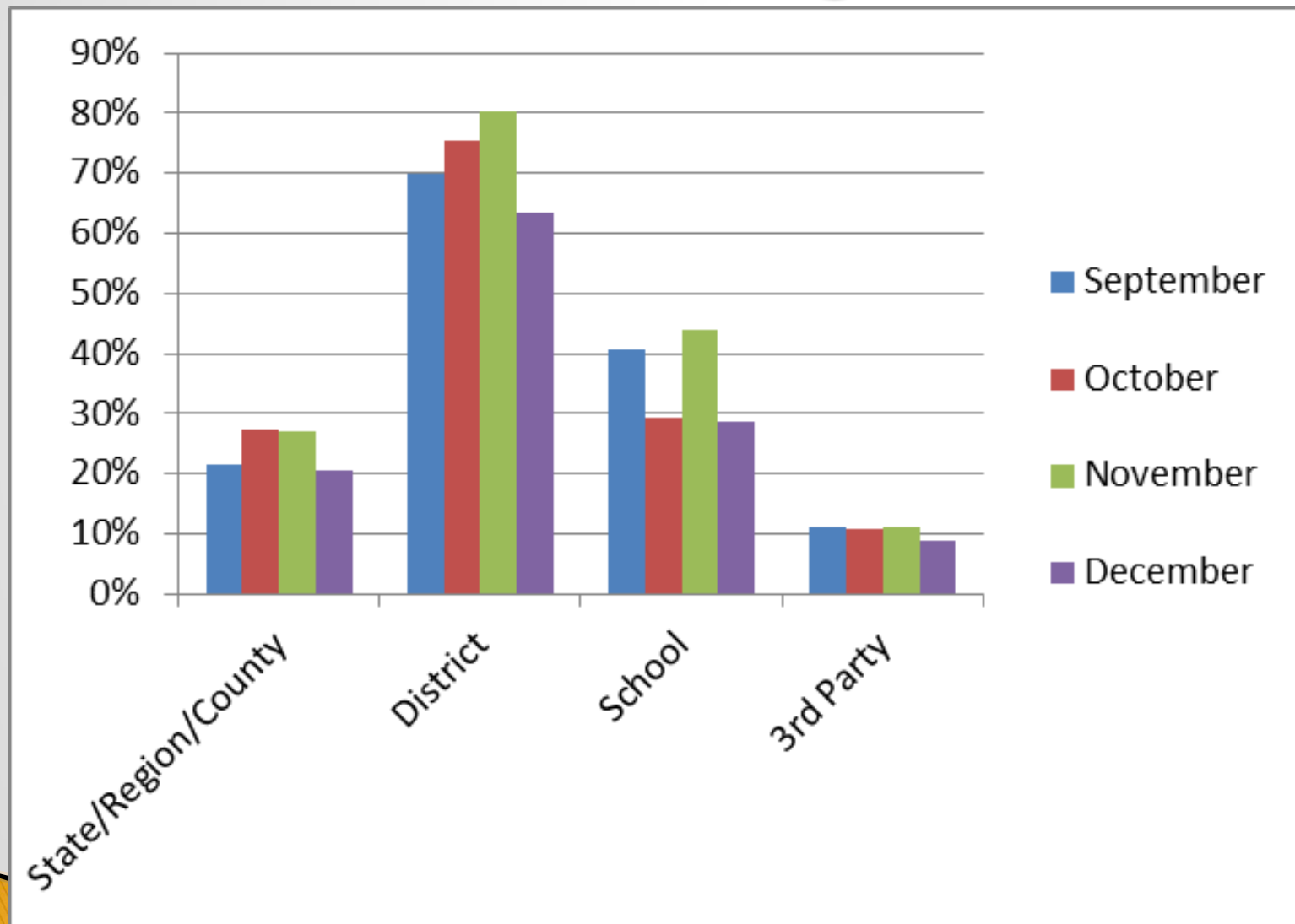
Teachers were generally pleased with the binders full of information on how to "unwrap" the Standards and implement them in their own classrooms. They also considered "close reading" sessions and hands-on activities to be particularly beneficial.

**My training session included:**
(n = 183)
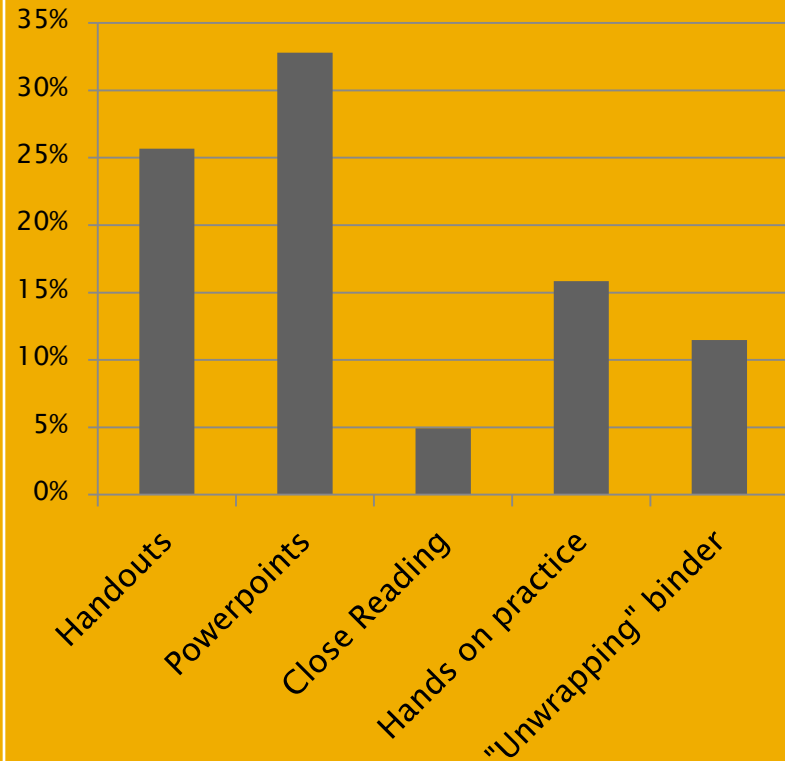
# Deliverer of Training

# Communications Update

- Facebook
  - 18,967 likes
    - 131 "talking about us" (daily average)
    - 22,622 "reach"
- Twitter
  - 666 followers
- Newsletter
  - 937 subscribers (Feel free to forward and share!)
- Adding Pinterest and Google+
- Have growth targets for each

  - Details plus December newsletter in your packet

# Post of the Month

- 107 users engaged
- 4 shares
- 15,936 reached